

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043384.D
 Acq On : 28 Apr 2021 14:31
 Operator : SY/MD
 Sample : M2133-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ118S-20210420

Quant Time: Apr 29 08:38:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

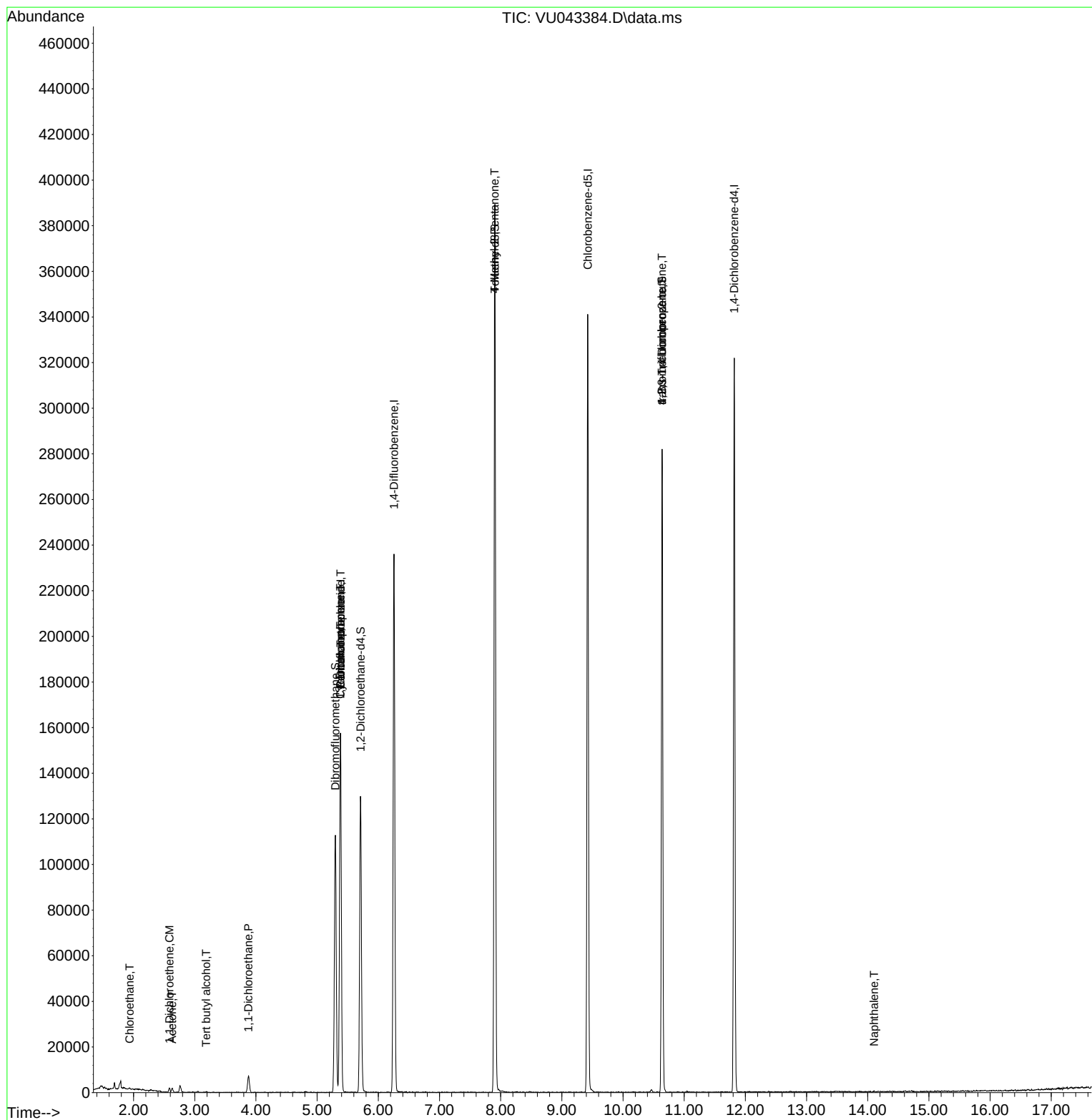
Internal Standards						
1) Pentafluorobenzene	5.382	168	103015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	175522	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	169825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100151	57.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.66%	
35) Dibromofluoromethane	5.298	113	70092	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
50) Toluene-d8	7.906	98	235456	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	10.639	95	82794	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.60%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	635	Below Cal		89
6) Chloroethane	1.935	64	792	0.95 ug/l		89
11) Tert butyl alcohol	3.189	59	113	0.25 ug/l #		94
12) 1,1-Dichloroethene	2.588	96	570	0.59 ug/l		83
16) Acetone	2.629	43	2178	1.84 ug/l		98
24) 1,1-Dichloroethane	3.877	63	8412	3.72 ug/l #		93
31) Cyclohexane	5.378	56	2910	1.36 ug/l #		29
36) 1,1-Dichloropropene	5.378	75	8899	4.78 ug/l #		50
38) Carbon Tetrachloride	5.382	117	10564	5.29 ug/l #		16
51) 4-Methyl-2-Pentanone	7.902	43	1354	0.40 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	47356	20.57 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.639	75	47356	60.45 ug/l #		7
95) Naphthalene	14.105	128	119	2.76 ug/l #		69

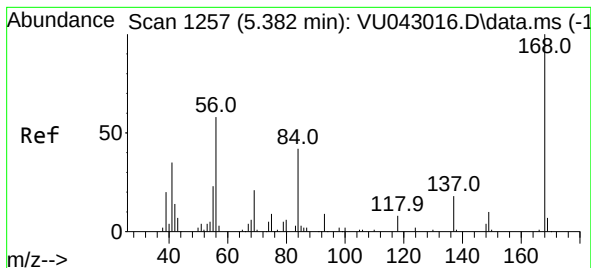
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SA-PZ118S-20210420

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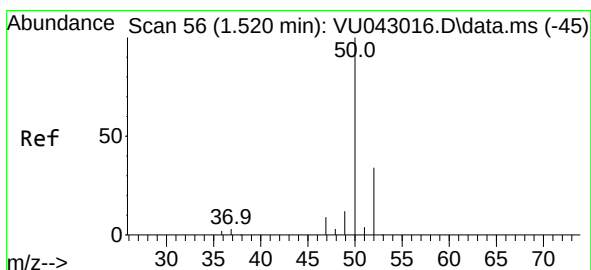
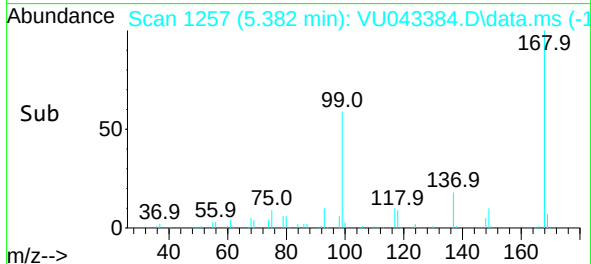
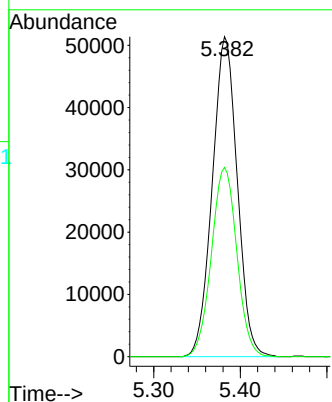
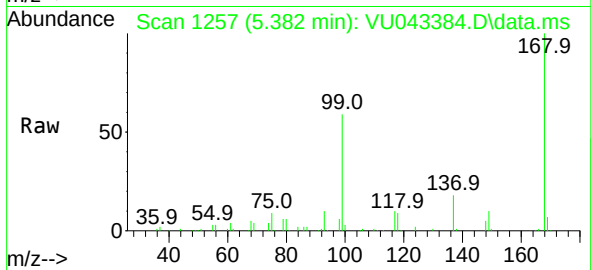




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

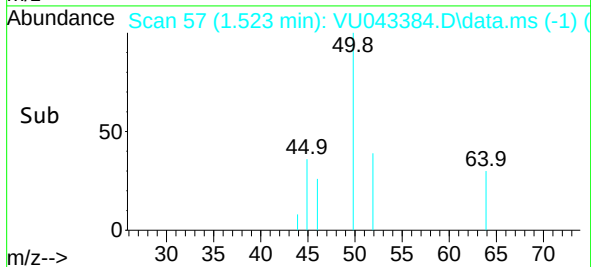
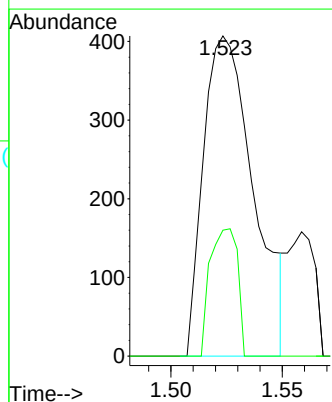
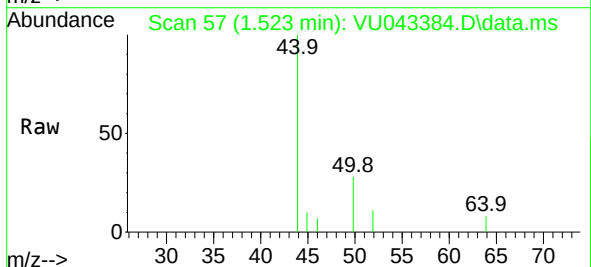
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

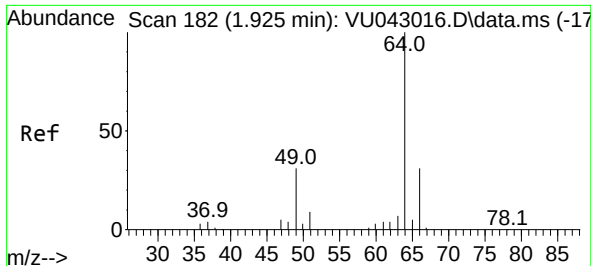
Tgt Ion:168 Resp: 103015
Ion Ratio Lower Upper
168 100
99 59.1 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

Tgt Ion: 50 Resp: 635
Ion Ratio Lower Upper
50 100
52 39.3 26.6 40.0

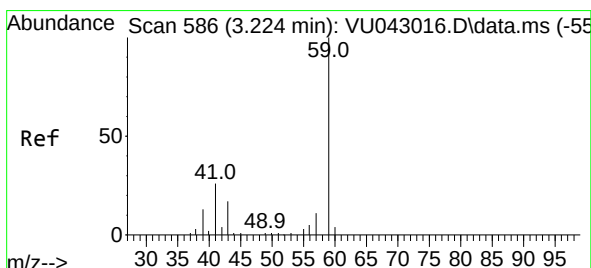
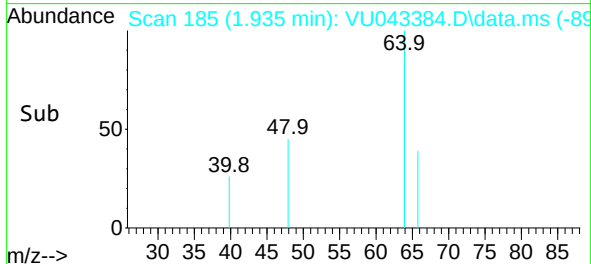
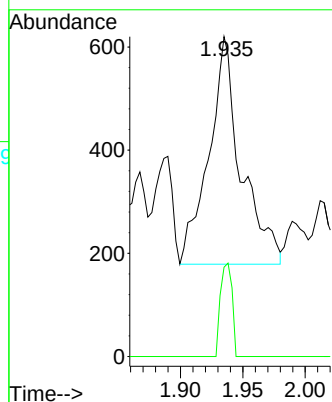
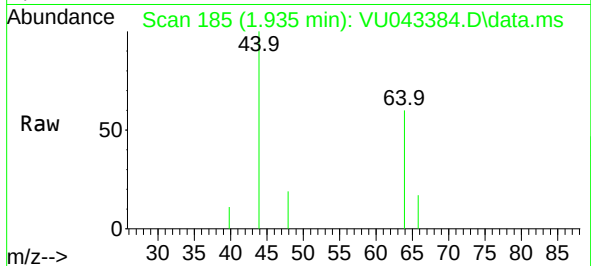




#6
Chloroethane
Concen: 0.95 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.010 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

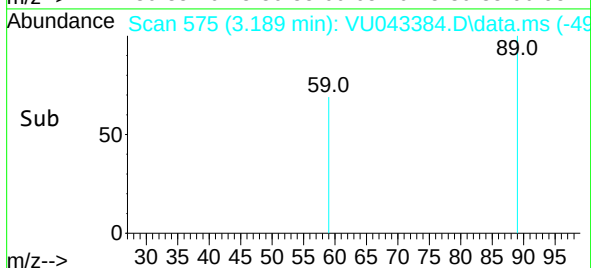
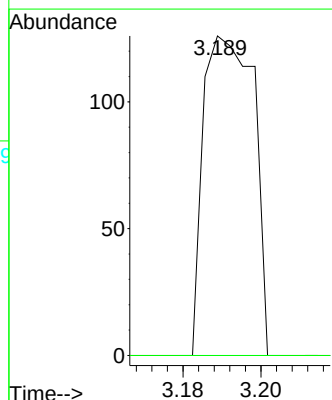
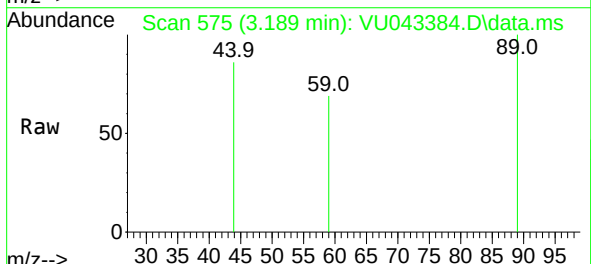
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

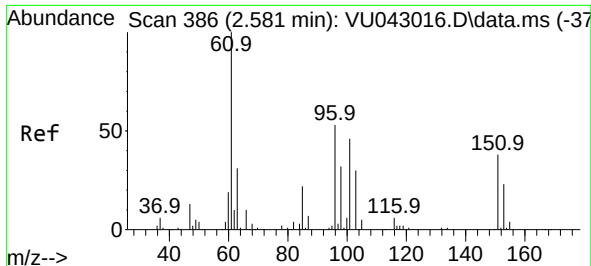
Tgt Ion: 64 Resp: 792
Ion Ratio Lower Upper
64 100
66 39.2 26.4 39.6



#11
Tert butyl alcohol
Concen: 0.25 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.035 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

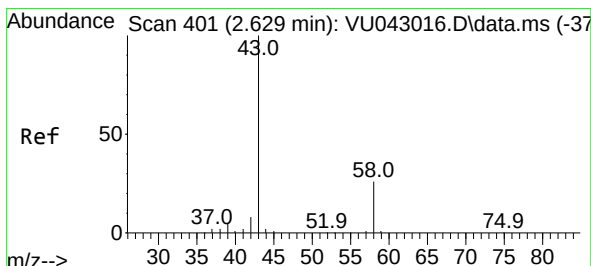
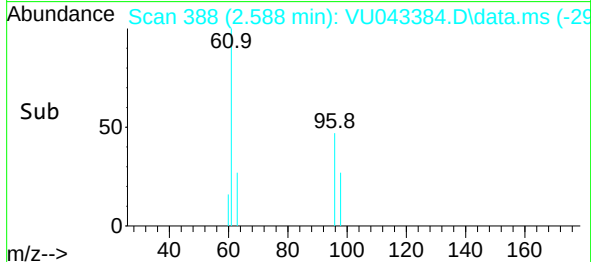
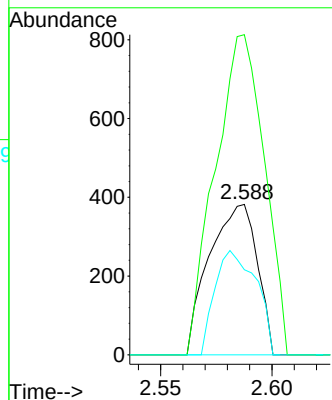
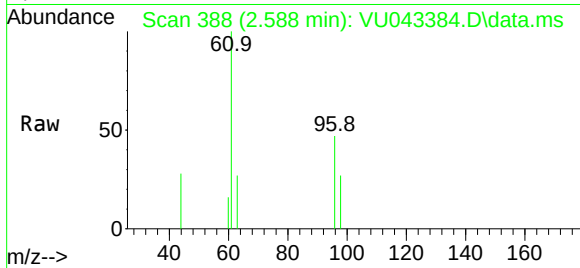




#12
1,1-Dichloroethene
Concen: 0.59 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.007 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

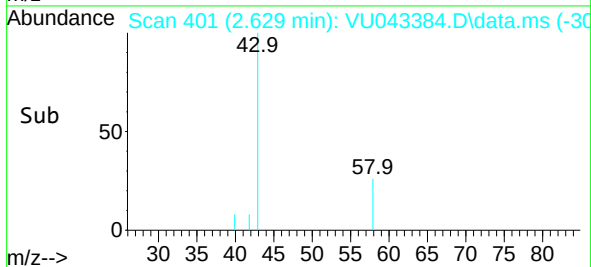
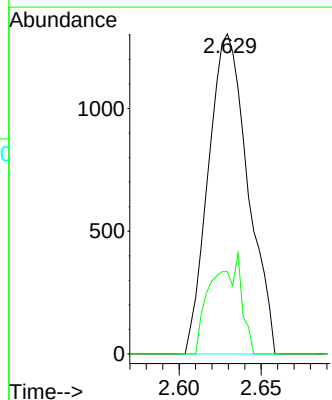
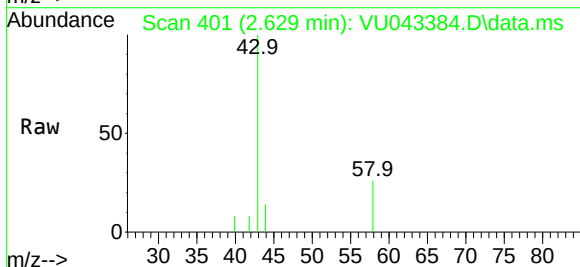
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

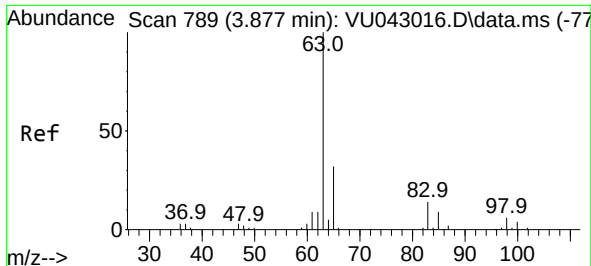
Tgt Ion: 96 Resp: 570
Ion Ratio Lower Upper
96 100
61 212.8 147.4 221.0
98 56.5 51.4 77.2



#16
Acetone
Concen: 1.84 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

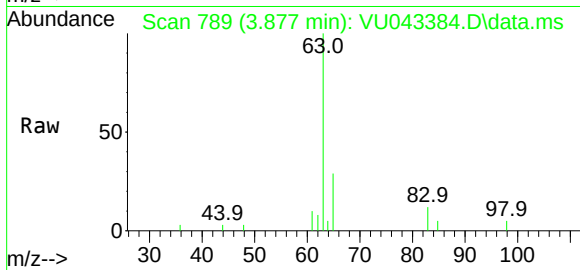
Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
58 25.7 21.5 32.3



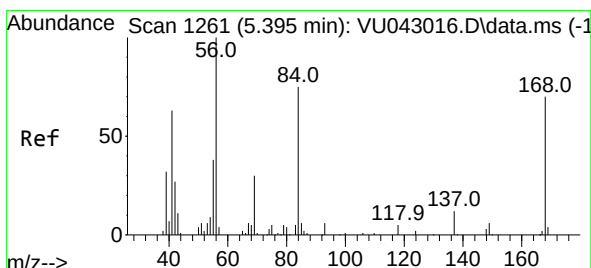
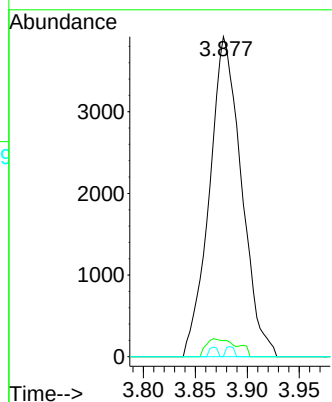
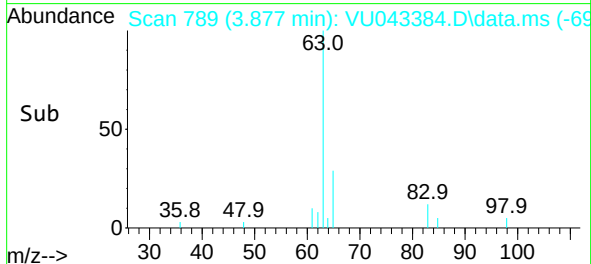


#24
1,1-Dichloroethane
Concen: 3.72 ug/l
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

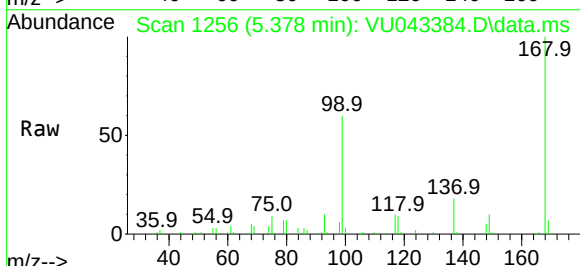
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420



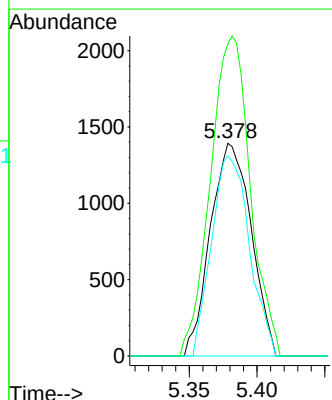
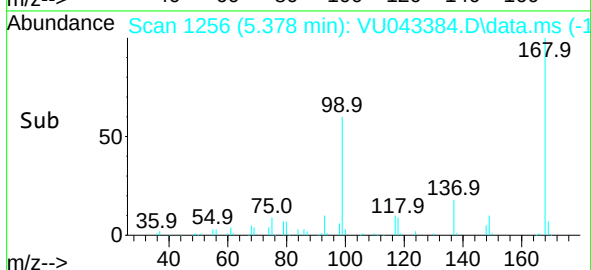
Tgt Ion: 63 Resp: 8412
Ion Ratio Lower Upper
63 100
98 5.0 3.1 9.3
100 0.0 2.1 6.2#

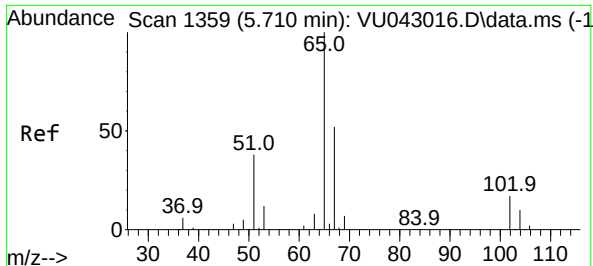


#31
Cyclohexane
Concen: 1.36 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31



Tgt Ion: 56 Resp: 2910
Ion Ratio Lower Upper
56 100
69 146.9 24.9 37.3#
84 94.1 63.7 95.5





#33

1,2-Dichloroethane-d4

Concen: 57.83 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043384.D

Acq: 28 Apr 2021 14:31

Tgt Ion: 65 Resp: 100151

Ion Ratio Lower Upper

65 100

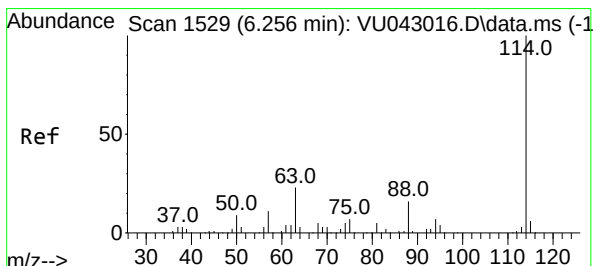
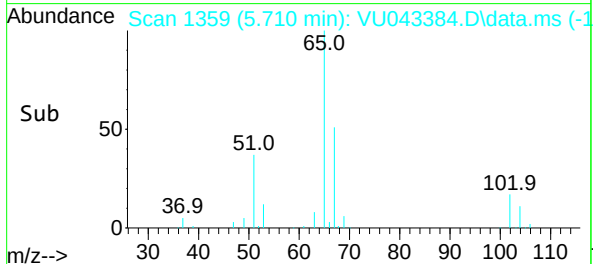
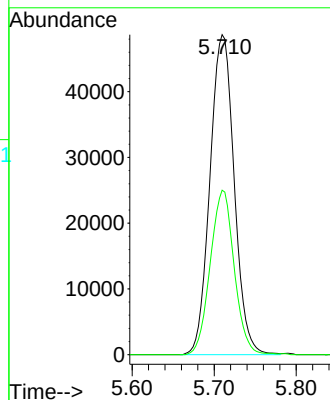
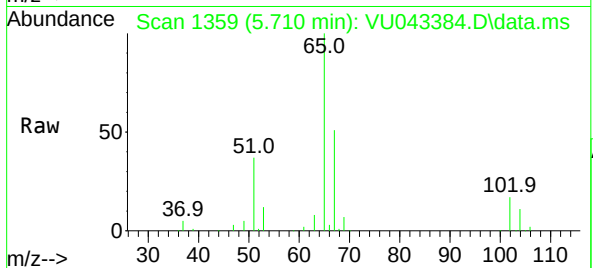
67 50.8 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ118S-20210420



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043384.D

Acq: 28 Apr 2021 14:31

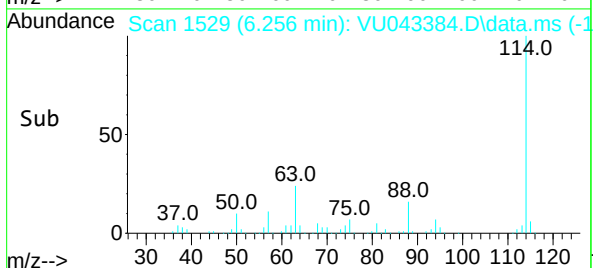
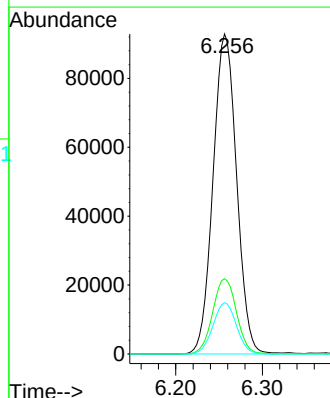
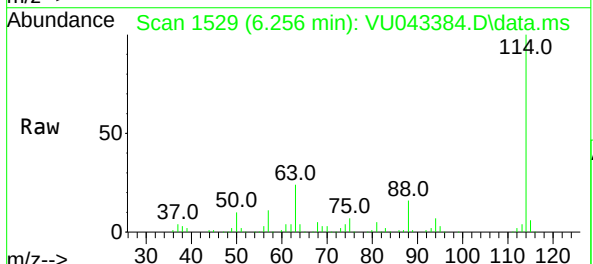
Tgt Ion: 114 Resp: 175522

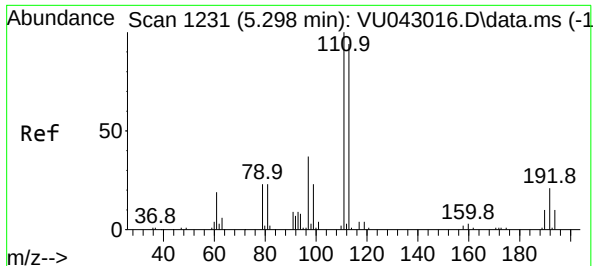
Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.2

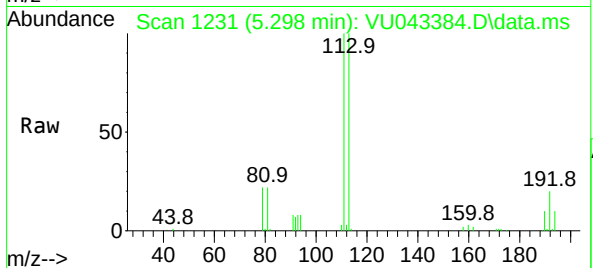
88 16.0 0.0 33.4



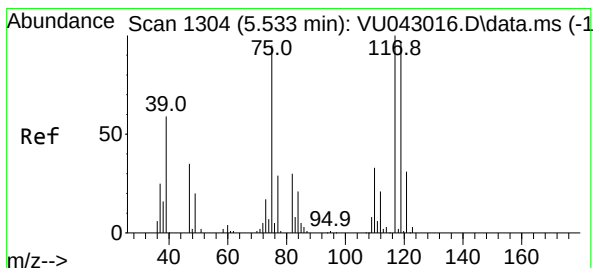
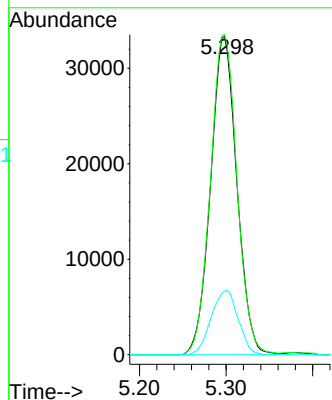
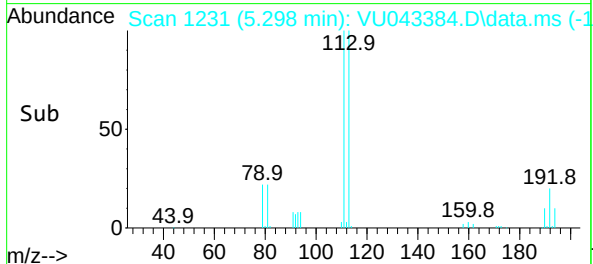


#35
Dibromofluoromethane
Concen: 53.14 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

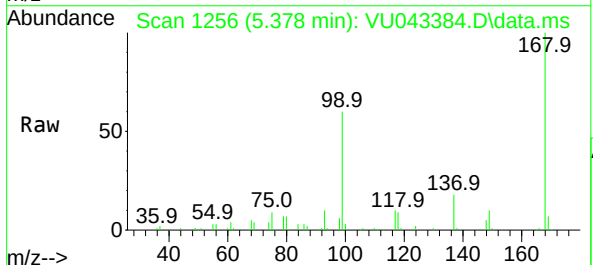
Instrument :
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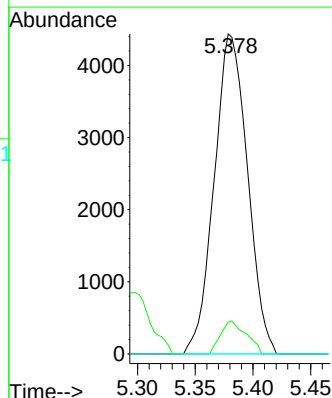
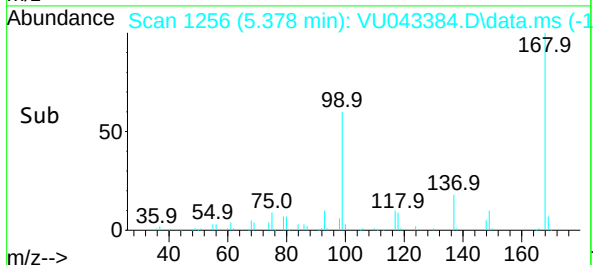
Tgt Ion:113 Resp: 70092
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 20.7 17.2 25.8

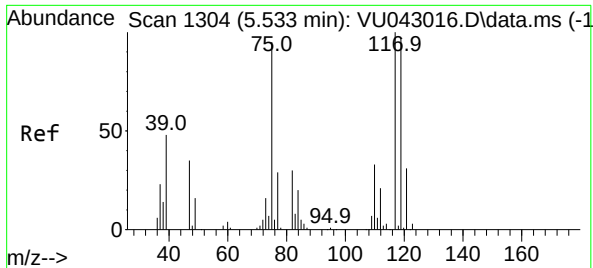


#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31



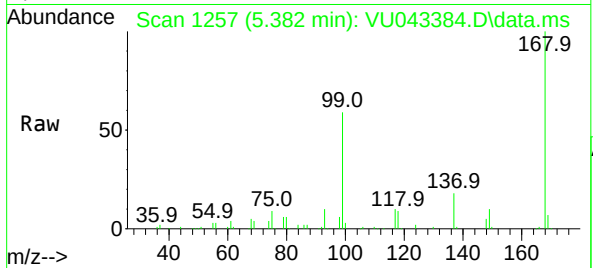
Tgt Ion: 75 Resp: 8899
Ion Ratio Lower Upper
75 100
110 7.9 16.8 50.3#
77 0.0 24.8 37.2#



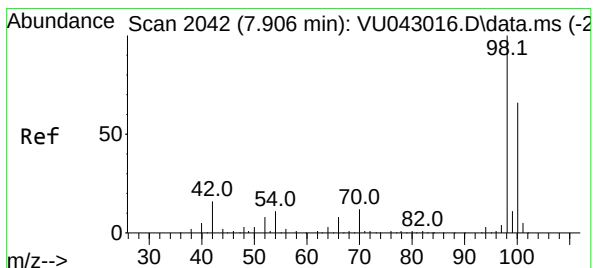
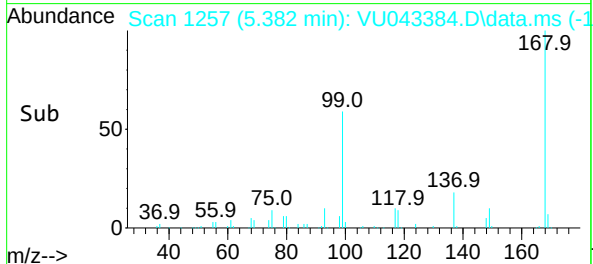
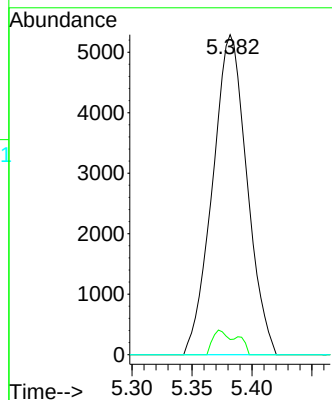


#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

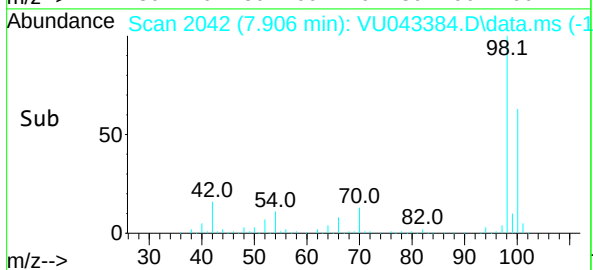
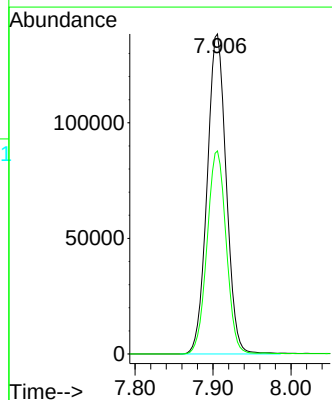
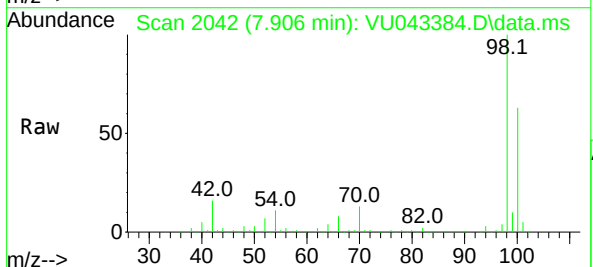


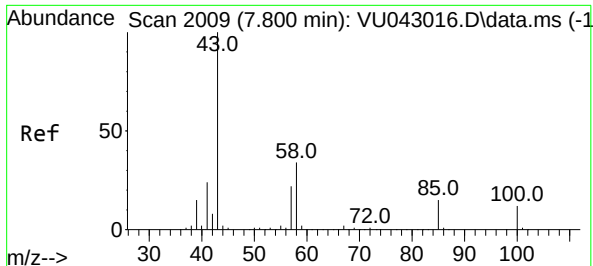
Tgt Ion:117 Resp: 10564
Ion Ratio Lower Upper
117 100
119 4.7 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.45 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

Tgt Ion: 98 Resp: 235456
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

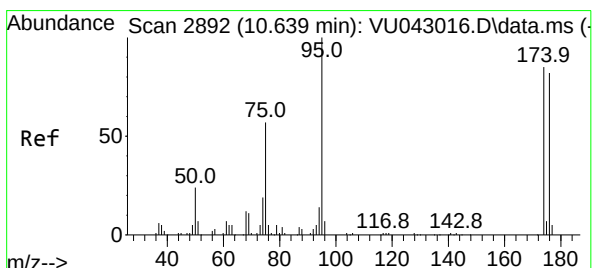
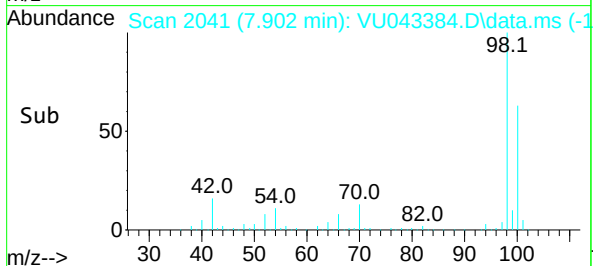
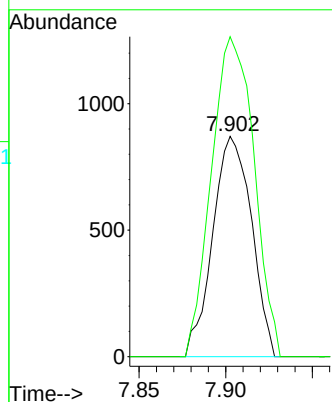
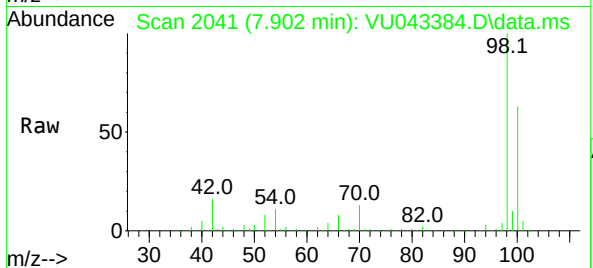




#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.102 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

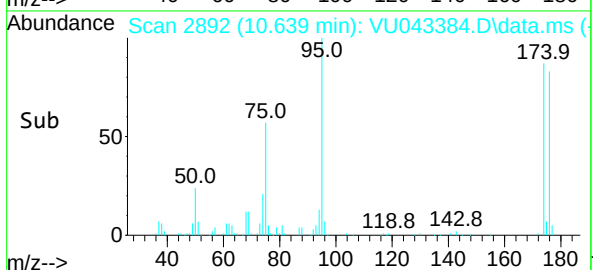
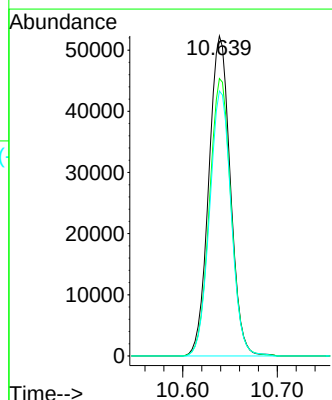
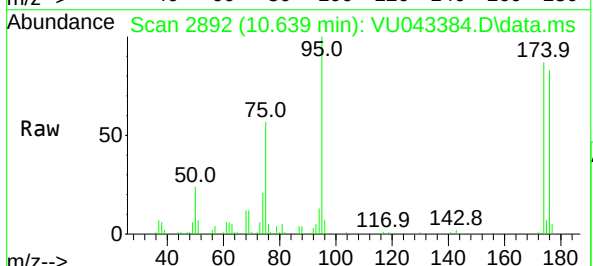
Instrument :
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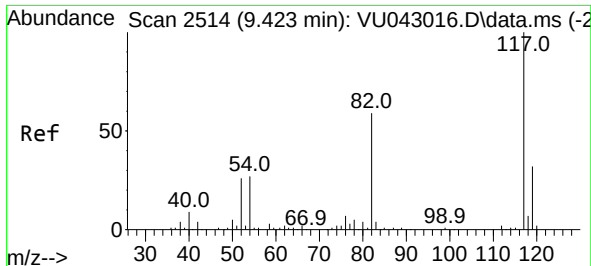
Tgt Ion: 43 Resp: 1354
Ion Ratio Lower Upper
43 100
58 159.8 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 44.30 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

Tgt Ion: 95 Resp: 82794
Ion Ratio Lower Upper
95 100
174 86.7 0.0 172.2
176 82.8 0.0 168.8

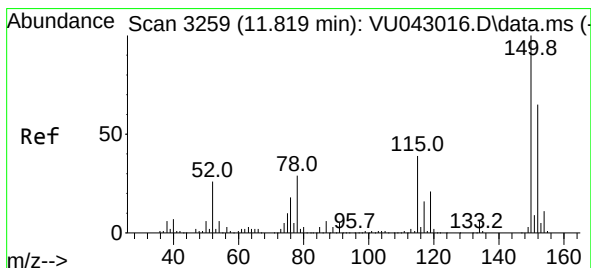
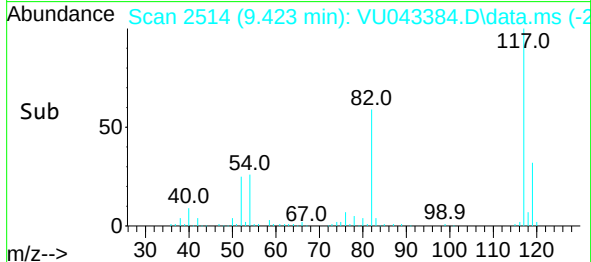
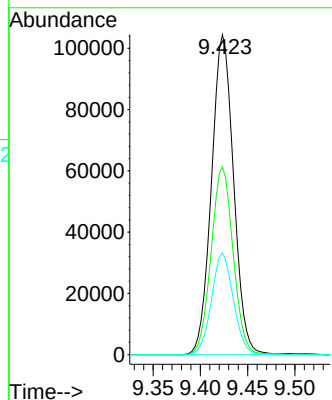
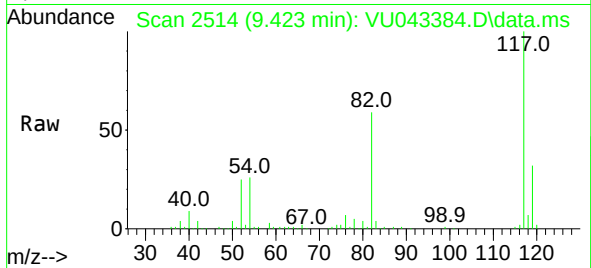




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

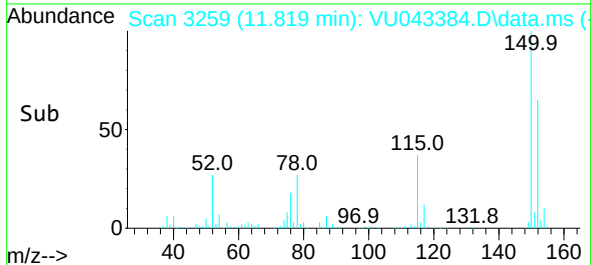
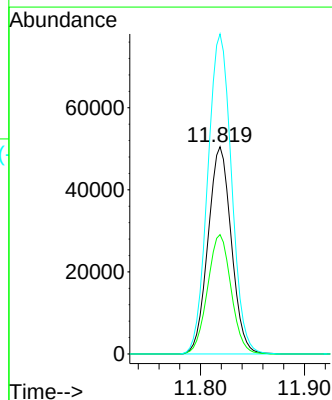
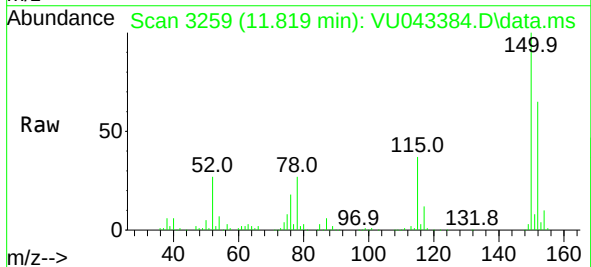
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

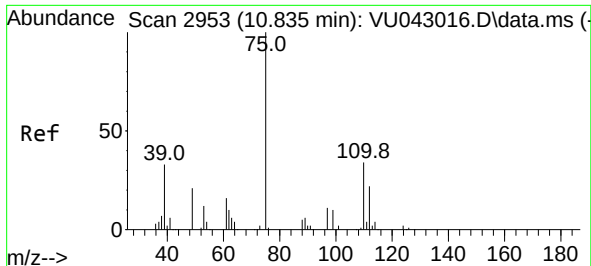
Tgt Ion:117 Resp: 169825
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.6
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

Tgt Ion:152 Resp: 78772
Ion Ratio Lower Upper
152 100
115 58.2 41.5 124.6
150 157.5 0.0 342.4

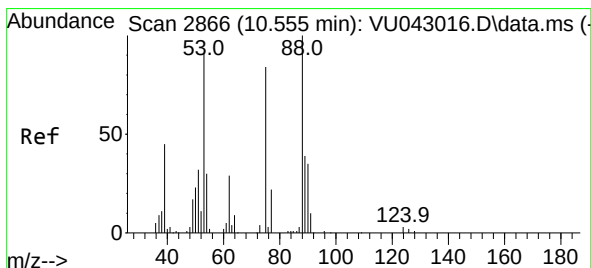
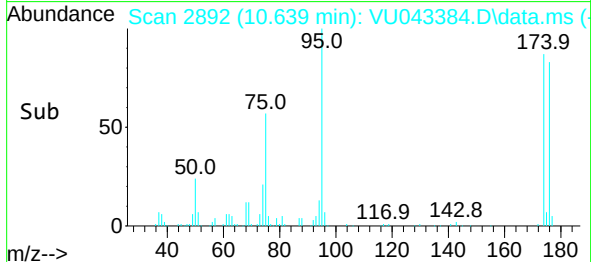
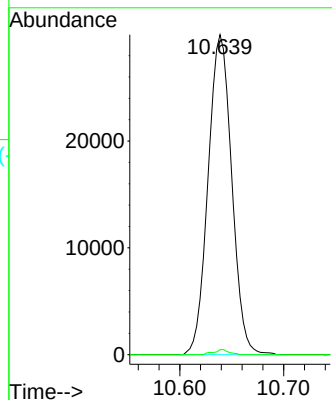
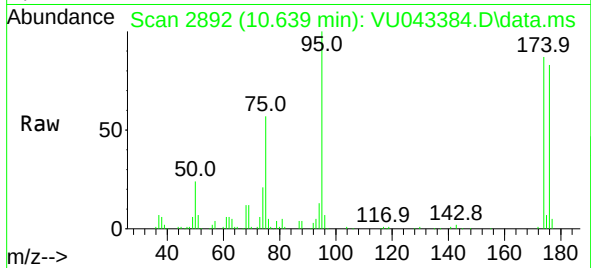




#76
1,2,3-Trichloropropane
Concen: 20.57 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

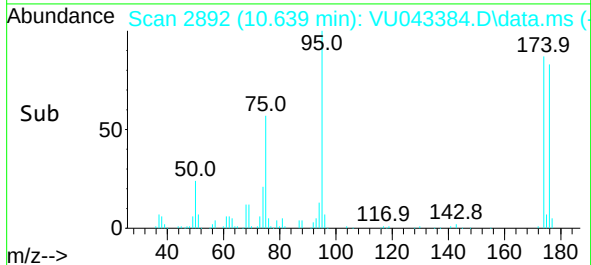
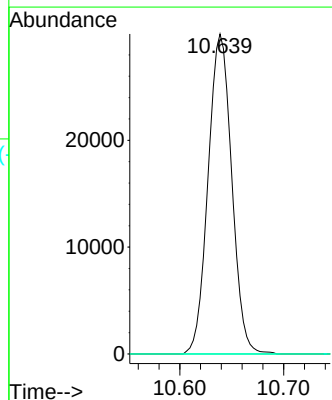
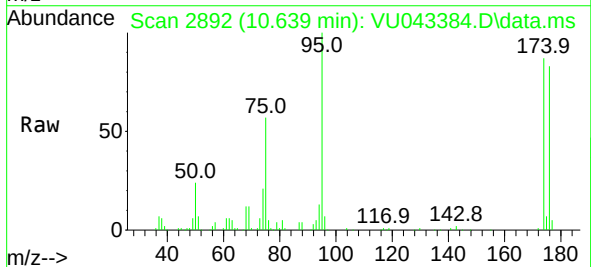
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

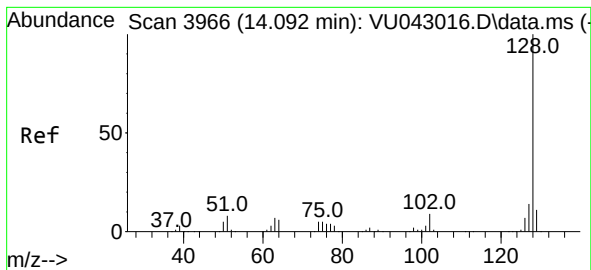
Tgt Ion: 75 Resp: 47356
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.45 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

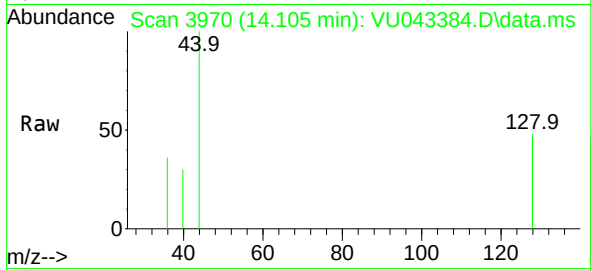
Tgt Ion: 75 Resp: 47356
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.76 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.013 min
Lab File: VU043384.D
Acq: 28 Apr 2021 14:31

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420



Tgt Ion:128 Resp: 119
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

